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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/766,511B

DATE: 05/16/2002 P.6
TIME: 17:03:46

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\05162002\I766511B.raw

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      3 <110> APPLICANT: MCCARTHY, Sean A
      4       FRASER, Christopher C
      5       SHARP, John D
      6       BARNES, Thomas S
      7       KIRST, Susan J
      8       MYERS, Paul S
      9       WRIGHTON, Nicholas
     10       GOODEARL, Andrew
     11       HOLTZMAN, Douglas A
     12       KHODADOUST, Mehran M
     14 <120> TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING PROGNOSTIC, DIAGNOSTIC,
PREVENTIVE,
     15       THERAPEUTIC, AND OTHER USES
     17 <130> FILE REFERENCE: 10147-65
     19 <140> CURRENT APPLICATION NUMBER: 09/766,511B
C--> 20 <141> CURRENT FILING DATE: 2002-05-07
     22 <150> PRIOR APPLICATION NUMBER: US 09/578,063
     23 <151> PRIOR FILING DATE: 2000-05-24
     25 <150> PRIOR APPLICATION NUMBER: US 09/333,159
     26 <151> PRIOR FILING DATE: 1999-06-14
     28 <150> PRIOR APPLICATION NUMBER: US 09/596,194
     29 <151> PRIOR FILING DATE: 2000-06-16
     31 <150> PRIOR APPLICATION NUMBER: US 09/342,364
     32 <151> PRIOR FILING DATE: 1999-06-29
     34 <150> PRIOR APPLICATION NUMBER: US 09/608,452
     35 <151> PRIOR FILING DATE: 2000-06-30
     37 <150> PRIOR APPLICATION NUMBER: US 09/393,996
     38 <151> PRIOR FILING DATE: 1999-09-10
     40 <150> PRIOR APPLICATION NUMBER: US 09/345,680
     41 <151> PRIOR FILING DATE: 1999-06-30
     43 <160> NUMBER OF SEQ ID NOS: 85
     45 <170> SOFTWARE: PatentIn version 3.1
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     49 <212> TYPE: DNA
     50 <213> ORGANISM: Homo sapiens
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     57 ggacgcgagg agccatgagg cgccagcctg cgaaggtggc ggcgctgctg ctcgggctgc    180
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77 gttcacttcc aggaacggtc tcgtgggctg ctaagggcag ttcctctgat atcctcacag 780
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157 <213> ORGANISM: Homo sapiens
159 <400> SEQUENCE: 2
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Input Set : **A:\PTO.VSK.txt**
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166 tggtacttct ggttccttct gatgatgggc gtgcttttct gctgcggagc cggcttcttc    240
168 atccggaggc gcatgtaccc cccgccgctg atcgaggagc cagccttcaa tgtgtcctac    300
170 accaggcagc ccccaaatcc cggcccagga gcccagcagc cggggccgcc ctattacact    360
172 gacccaggag gaccggggat gaaccctgtc gggaattcca tggcaatggc tttccaggtc    420
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190 Leu Glu Cys Thr Glu Ala Lys Lys His Cys Trp Tyr Phe Glu Gly Leu
191             20                  25                  30
194 Tyr Pro Thr Tyr Tyr Ile Cys Arg Ser Tyr Glu Asp Cys Cys Gly Ser
195         35                  40                  45
198 Arg Cys Cys Val Arg Ala Leu Ser Ile Gln Arg Leu Trp Tyr Phe Trp
199     50                  55                  60
202 Phe Leu Leu Met Met Gly Val Leu Phe Cys Cys Gly Ala Gly Phe Phe
203 65                  70                  75                  80
206 Ile Arg Arg Arg Met Tyr Pro Pro Pro Leu Ile Glu Glu Pro Ala Phe
207                 85                  90                  95
210 Asn Val Ser Tyr Thr Arg Gln Pro Pro Asn Pro Gly Pro Gly Ala Gln
211             100                 105                 110
214 Gln Pro Gly Pro Pro Tyr Tyr Thr Asp Pro Gly Gly Pro Gly Met Asn
215         115                 120                 125
218 Pro Val Gly Asn Ser Met Ala Met Ala Phe Gln Val Pro Pro Asn Ser
219     130                 135                 140
222 Pro Gln Gly Ser Val Ala Cys Pro Pro Pro Pro Ala Tyr Cys Asn Thr
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226 Pro Pro Pro Pro Tyr Glu Gln Val Val Lys Ala Lys
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Input Set : A:\PTO.VSK.txt
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252 Lys Lys His Cys Trp Tyr Phe Glu Gly Leu Tyr Pro Thr Tyr Tyr Ile
253 1               5                   10                  15
256 Cys Arg Ser Tyr Glu Asp Cys Cys Gly Ser Arg Cys Cys Val Arg Ala
257             20                  25                  30
260 Leu Ser Ile Gln Arg Leu Trp Tyr Phe Trp Phe Leu Leu Met Met Gly
261         35                  40                  45
264 Val Leu Phe Cys Cys Gly Ala Gly Phe Phe Ile Arg Arg Arg Met Tyr
265     50                  55                  60
268 Pro Pro Pro Leu Ile Glu Glu Pro Ala Phe Asn Val Ser Tyr Thr Arg
269 65                  70                  75                  80
272 Gln Pro Pro Asn Pro Gly Pro Gly Ala Gln Gln Pro Gly Pro Pro Tyr
273                 85                  90                  95
276 Tyr Thr Asp Pro Gly Gly Pro Gly Met Asn Pro Val Gly Asn Ser Met
277             100                 105                 110
280 Ala Met Ala Phe Gln Val Pro Pro Asn Ser Pro Gln Gly Ser Val Ala
281         115                 120                 125
284 Cys Pro Pro Pro Pro Ala Tyr Cys Asn Thr Pro Pro Pro Pro Tyr Glu
285     130                 135                 140
288 Gln Val Val Lys Ala Lys
289 145                 150
292 <210> SEQ ID NO: 6
293 <211> LENGTH: 38
294 <212> TYPE: PRT
295 <213> ORGANISM: Homo sapiens
297 <400> SEQUENCE: 6
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304             20                  25                  30
307 Leu Ser Ile Gln Arg Leu
308         35
311 <210> SEQ ID NO: 7
312 <211> LENGTH: 21
313 <212> TYPE: PRT
314 <213> ORGANISM: Homo sapiens
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328 <212> TYPE: PRT
329 <213> ORGANISM: Homo sapiens
331 <400> SEQUENCE: 8
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337 Val Ser Tyr Thr Arg Gln Pro Pro Asn Pro Gly Pro Gly Ala Gln Gln
338             20                  25                  30
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Input Set : **A:\PTO.VSK.txt**
Output Set: **N:\CRF3\05162002\I766511B.raw**

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345 Val Gly Asn Ser Met Ala Met Ala Phe Gln Val Pro Pro Asn Ser Pro
346     50                  55                  60
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350 65                  70                  75                  80
353 Pro Pro Pro Tyr Glu Gln Val Val Lys Ala Lys
354                 85                  90
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375 <212> TYPE: DNA
376 <213> ORGANISM: Mus sp.
378 <400> SEQUENCE: 11
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383 ggtcctcgct ggagccatgg gccgccggct cggcagggtg gcggcgctgc tgctcgggct    180
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387 atactatata tgccgttcct atgaagactg ctgtggctcc aggtgctgtg tgagggccct    300
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399 ttcctactgc aacacgcctc cacccccta tgaacaggtg gtgaaggaca agtagcaaga    660
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/16/2002
PATENT APPLICATION: **US/09/766,511B** TIME: 17:03:48

Input Set : **A:\PTO.VSK.txt**
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:61; N Pos. 788

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 14

VERIFICATION SUMMARY DATE: 05/16/2002
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L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:363 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (9) SEQUENCE:
L:371 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:
L:560 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (14) SEQUENCE:
L:642 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (19) SEQUENCE:
L:3193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:780